

ABSTRACT OF THE DISCLOSURE

A combustion heater comprising an induction chamber provided with an inlet, a combustion chamber in fluid communication with the inlet of the induction chamber, means for moving an oxydizer from the inlet of the induction chamber to the combustion chamber, a fuel reservoir, a frame defining a fuel passageway, means for moving a fuel from the fuel reservoir through the fuel passageway to the combustion chamber, means in fluid communication with the fuel passageway for shearing a fuel prior to combustion, means in fluid communication with the fuel passageway for heating the fuel prior to combustion, and means for combusting a fuel oxydizer mixture within the combustion chamber.